

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	3308	phthalocyanine with metal and diode	US-PGPUB; USPAT	OR	ON	2009/09/22 11:00
S8	1806	phthalocyanine with metal and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/09/22 11:01
S9	0	(phthalocyanine with metal) near (hole adj3 inject\$4) and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/09/22 11:02
S10	69	(phthalocyanine with metal) with (hole adj3 inject\$4) and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/09/22 11:02
S11	5	(phthalocyanine with metal) with (hole adj3 inject\$4) and (light adj3 emitt\$3 adj3 diode) and fluorinated	US-PGPUB; USPAT	OR	ON	2009/09/22 11:10
S12	15	metal and (metal adj2 free) and phthalocyanine with (hole adj3 inject\$4) and (light adj3 emitt\$3 adj3 diode) and fluorinated	US-PGPUB; USPAT	OR	ON	2009/09/22 11:13
S13	0	metal and (metal adj2 free) and (fluor\$7 adj4 phthalocyanine) with (hole adj3 inject\$4) and (light adj3 emitt\$3 adj3 diode) and fluorinated	US-PGPUB; USPAT	OR	ON	2009/09/22 11:20
S14	4	metal and (metal adj2 free) and (fluor\$7 with phthalocyanine) with (hole adj3 inject\$4) and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/09/22 11:20
S15	0	metal and (metal adj2 free) and (hydrophobic with phthalocyanine) with (hole adj3 inject\$4) and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/09/22 11:22
S16	0	(hydrophobic with phthalocyanine) with (hole adj3 inject\$4) and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/09/22 11:22
S17	223	(hydrophobic with phthalocyanine)	US-PGPUB; USPAT	OR	ON	2009/09/22 11:22
S18	1	(hydrophobic with phthalocyanine) and (hole adj3 inject\$4) and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/09/22 11:23
S19	1	"6506506".pn.	US-PGPUB; USPAT	OR	ON	2009/09/22 11:29

S20	223	hydrophobic with phthalocyanine	US-PGPUB; USPAT	OR	ON	2009/09/22 11:36
S21	14	hydrophobic with phthalocyanine and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/09/22 11:37
S22	1	"5674597".pn.	US-PGPUB; USPAT	OR	ON	2009/11/04 10:04
S23	1	"1997049548"	DERWENT	OR	ON	2009/11/04 10:21
S24	0	hydrophobic with (metal adj3 phthalocyanine) with (barrier adj2 layer) and ((light adj2 emitting) or electroumin\$7)	DERWENT	OR	ON	2009/11/04 10:33
S25	1	hydrophobic with (metal adj3 phthalocyanine) with (barrier adj2 layer) and ((light adj2 emitting) or electroumin\$7)	US-PGPUB; USPAT	OR	ON	2009/11/04 10:33
S26	0	hydrophobic with (metal adj3 phthalocyanine) with (moisture) and ((light adj2 emitting) or electroumin\$7)	US-PGPUB; USPAT	OR	ON	2009/11/04 10:34
S27	1	hydrophobic with phthalocyanine with (barrier) and ((light adj2 emitting) or electroumin\$7)	US-PGPUB; USPAT	OR	ON	2009/11/04 10:34
S28	31	hydrophobic with phthalocyanine and ((light adj2 emitting) or electroumin\$7)	US-PGPUB; USPAT	OR	ON	2009/11/04 10:35
S31	1	"5059861".pn.	US-PGPUB; USPAT	OR	ON	2009/11/04 10:42
S32	1	"4720432".pn.	US-PGPUB; USPAT	OR	ON	2009/11/04 10:44
S33	1	"4946762".pn.	US-PGPUB; USPAT	OR	ON	2009/11/04 10:49
S34	1	"6483236".pn.	US-PGPUB; USPAT	OR	ON	2009/11/04 10:51
S35	1	"6566808".pn.	US-PGPUB; USPAT	OR	ON	2009/11/04 10:55
S36	31	(fluorinated or fluorochemical or fluoromaterial) with phthalocyanine and ((light adj2 emitting) or electroumin\$7)	US-PGPUB; USPAT	OR	ON	2009/11/04 10:59
S38	7612	(hydrophobic or fluorinated or fluoro\$7 with phthalocyanine) and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/11/04 11:20
S40	2002	(hydrophobic or fluorinated or fluoro\$7 with phthalocyanine) and (light adj3 emitt\$3 adj3 diode) and moisture	US-PGPUB; USPAT	OR	ON	2009/11/04 11:21

S41	309	(hydrophobic or fluorinated or fluoro\$7 with phthalocyanine) and (light adj3 emitt\$3 adj3 diode) and moisture with barrier	US-PGPUB; USPAT	OR	ON	2009/11/04 11:21
S42	5	((hydrophobic or fluorinated or fluoro\$7) with phthalocyanine) and (light adj3 emitt\$3 adj3 diode) and moisture with barrier	US-PGPUB; USPAT	OR	ON	2009/11/04 11:26
S43	1213	((hole adj2 inject\$3) or (hole adj2 transport\$3)) with \$phthalocyanine and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/11/04 12:09
S44	218	((hole adj2 inject\$3) or (hole adj2 transport\$3)) with (metal with \$phthalocyanine) and (light adj3 emitt\$3 adj3 diode)	US-PGPUB; USPAT	OR	ON	2009/11/04 12:09
S45	87	((hole adj2 inject\$3) or (hole adj2 transport\$3)) with (metal with \$phthalocyanine) and (light adj3 emitt\$3 adj3 diode) and (electron adj inject\$3) and (electron adj2 transport\$3)	US-PGPUB; USPAT	OR	ON	2009/11/04 12:11
S46	0	((hole adj2 inject\$3) or (hole adj2 transport\$3)) with (metal with \$phthalocyanine) adj3 (anthracene or phenanthrene or tetracene or chrysene or pentacene or hexacene or perylene or triphenylene or coronene or naphodianthracene or anthraceneoditetracene or tetracenodipentacene or pyrene or benzopyrene or ovalene or violanthrene) and (light adj3 emitt\$3 adj3 diode) and (electron adj inject\$3) and (electron adj2 transport\$3)	US-PGPUB; USPAT	OR	ON	2009/11/04 12:24
S47	8	((hole adj2 inject\$3) or (hole adj2 transport\$3)) with (metal with \$phthalocyanine) with (anthracene or phenanthrene or tetracene or chrysene or pentacene or hexacene or perylene or triphenylene or coronene or naphodianthracene or anthraceneoditetracene or tetracenodipentacene or pyrene or benzopyrene or ovalene or violanthrene) and (light adj3 emitt\$3 adj3 diode) and (electron adj inject\$3) and (electron adj2 transport\$3)	US-PGPUB; USPAT	OR	ON	2009/11/04 12:24
S48	3	"2001049806"	DERWENT	OR	ON	2009/11/04 14:32

S49	1	"20020158242"	US-PGPUB; USPAT	OR	ON	2009/11/04 14:33
S50	1	"5281492".pn.	US-PGPUB; USPAT	OR	ON	2009/11/04 14:48
S51	33	(428/917).ccls. and Mori.in.	US-PGPUB; USPAT	OR	ON	2009/11/04 14:49
S52	16	(428/917).ccls. and Mori.in. and phthalocyanine	US-PGPUB; USPAT	OR	ON	2009/11/04 14:50
S53	1	"6589673".pn.	US-PGPUB; USPAT	OR	ON	2009/11/04 15:16
S54	19	"20040009367"	US-PGPUB; USPAT	OR	ON	2009/11/04 15:25
S55	0	"20040009367"	US-PGPUB; USPAT	OR	ON	2009/11/04 15:25
S56	1	"20010005021"	US-PGPUB; USPAT	OR	ON	2009/11/04 15:28
S57	1	"5281489".pn.	US-PGPUB; USPAT	OR	ON	2009/11/04 15:35
S58	0	MOML and (metal adj3 phthalocyanine)	US-PGPUB; USPAT	OR	ON	2009/11/04 16:37
S59	4	(mix\$2 adj2 organic adj2 metal) and (metal adj3 phthalocyanine)	US-PGPUB; USPAT	OR	ON	2009/11/04 16:37
S60	1	"4356429".pn.	USPAT	OR	OFF	2009/11/04 17:19
S61	1	"4356429".pn.	USPAT	OR	ON	2009/11/04 17:19
S62	1	"6020078".pn.	USPAT	OR	ON	2009/11/04 17:23
S63	0	"20010049153"	USPAT	OR	ON	2009/11/04 17:28
S64	1	"20010049153"	US-PGPUB; USPAT	OR	ON	2009/11/04 17:28
S65	3	"2003040256"	DERWENT	OR	OFF	2009/11/04 18:13
S66	9	"20030096138"	US-PGPUB; USPAT	OR	OFF	2009/11/04 18:14

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